

ABSTRACT

5 Polyester fibers having an individual fiber  
thickness of 0.1 to 10 dtex are produced from a polyester  
polymer produced by polycondensing an aromatic  
dicarboxylate ester in the presence of a catalyst  
including a mixture of a Ti compound component (A)  
including at least one member selected from titanium  
alkoxides and reaction products of the titanium alkoxides  
10 with a specific type of carboxylic acids or anhydrides  
thereof, with a specific P compound component (B), and/or  
a reaction product of a Ti compound component (C) with a  
specific P compound component (D). The resultant fibers  
have a good color tone (a low b value) a stable drawing  
15 and false-twisting processability and exhibit excellent  
appearance and performance.